| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|---|---------------------|---------|------------------|
| S1       | 3    | (Burshtein.in. or Salvi.in.) and "QAM"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:07 |
| S2       | 22   | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>grid same map\$4                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:54 |
| S3       | 1    | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(cross adj1 grid) same map\$4                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:28 |
| S4       | 1    | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(cross adj1 grid)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:18 |
| S5       | 98   | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(grid)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:27 |
| S6       | 66   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(grid)) and (map\$4)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/26 14:01 |
| S7       | 3    | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(non adj1 square adj1 grid)) and<br>(map\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:20 |
| S8       | 4    | 375/298.ccls. and ("QAM" or (quadrature adj1 amplitude adj1 modulat\$4)) same (grid)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:27 |
| S9       | 17   | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) and<br>((minimiz\$4 or reduc\$4) with<br>(Hamming))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:28 |
| S10      | 44   | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>grid and equaliz\$4                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 18:02 |
| S11      | 2    | ("6590944").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 17:56 |
| S12      | 42   | ("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) and<br>(grid same noise)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/04/25 18:02 |

| S13 | 3   | ("4123710").PN.  | US-PGPUB;<br>USPAT;                         | OR | OFF | 2005/04/26 13:55 |
|-----|-----|--|---|----|-----|------------------|
|     |     |  | EPO; JPO;<br>DERWENT                        |    |     |                  |
| S14 | 233 | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) an<br>(grid)) and (map\$4) and (equaliz\$4<br>same converg\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 15:01 |
| S15 | 32  | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) and<br>(grid)) and (map\$4) and (equaliz\$4<br>same converg\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:10 |
| S16 | 2   | ("4675619").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:10 |
| S17 | 217 | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(converg\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:27 |
| S18 | 19  | S17 and grid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:32 |
| S19 | 1   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$4)) and (map\$4<br>same grid)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:52 |
| S20 | 1   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$4)) and grid                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:28 |
| S21 | 26  | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$4))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:29 |
| S22 | 1   | "13QAM"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:32 |
| S23 | 8   | "13 QAM"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:32 |
| S24 | 26  | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$4))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 15:01 |

| S25 | 98   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$5))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 14:52 |
|-----|------|---|---|----|-----|------------------|
| S26 | 66   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$5)) and<br>(constellation)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 15:08 |
| S27 | 14   | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(hexagon or hexagonal or "hexa"))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 15:02 |
| S28 | . 48 | (("QAM" or (quadrature adj1<br>amplitude adj1 modulat\$4)) same<br>(blind adj1 equaliz\$5)) and<br>(constellation) and (converg\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/26 15:08 |